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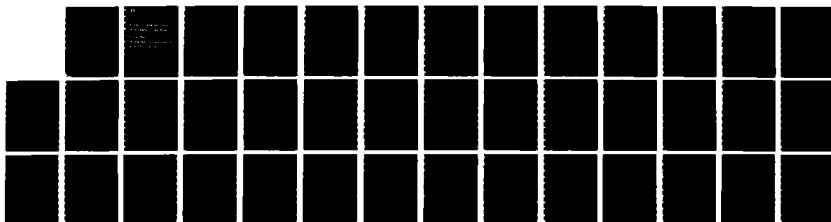
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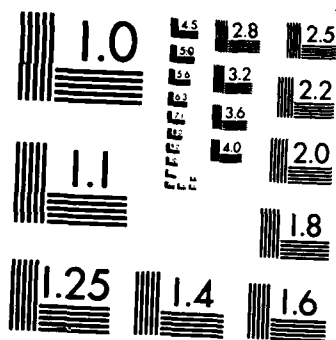
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*(504) 862-1404*

**July 1986**

**WRSC Information Pamphlet - 86-9P-1**

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Per Mr. James R. Hanchey, Institute for Water Resources



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## ITEM-1 : Waterborne Commerce of the United States(WCUS), Parts 1-5

The Waterborne Commerce of the United States (WCUS), Parts 1-4, is a series of publications which contain the statistics on the commercial movement of foreign and domestic cargo. The WCUS publications present detailed data by commodity and traffic. The statistics include commodities given in short tons (2000 lbs.) and vessel trips for the harbors and waterways. See pages 2-4 for a typical presentation for Norfolk Harbor, VA. WCUS, Parts 1-4 cover the following geographical areas:

Publication	Area
WCUS, Part 1 -	Waterways and Harbors on the Atlantic Coast
WCUS, Part 2 -	Waterways and Harbors on the Gulf Coast, Mississippi River System and Antilles
WCUS, Part 3 -	Waterways and Harbors on the Great Lakes
WCUS, Part 4 -	Waterways and Harbors on the Pacific Coast, Alaska and Hawaii

WCUS, Part 5, presents a national summary of tons and ton-miles contained in WCUS publications, Parts 1-4.

The current purchase prices for the WCUS publications are given below:

WCUS, Part 1 - \$2.75	WCUS, Part 4 - \$2.00
WCUS, Part 2 - \$3.50	WCUS, Part 5 - \$2.00
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The Waterborne Commerce Statistics Center maintains historical copies of WCUS publications for several years. The number of historical copies of WCUS, Parts 1-5 that are available for sale will vary by calendar year and each individual publication. These copies will be made available for sale until the supply is exhausted.

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NOTE: Remittance for these publications, check or money order (in U. S. funds), should accompany order and be made payable to the FAO, USAED, New Orleans.

# Waterborne Commerce of the United States, 1983

## NORFOLK, VA, DISTRICT

NORFOLK HARBOR, VA.

SECTION 1: CLUDED: FROM 45-FOOT CONTOUR IN HAMPTON ROADS TO NORFOLK & WESTERN (FORMERLY VIRGINIA) RAILWAY BRIDGE CROSSING SOUTHERN BRANCH OF ELIZABETH RIVER, 14.79 MILES; THENCE UPSTREAM IN SOUTHERN BRANCH, 4.61 MILES. IN EASTERN BRANCH, 2.54 MILES UPSTREAM FROM THE MOUTH OF THAT BRANCH; IN WESTERN BRANCH, 1.78 MILES UPSTREAM FROM THE MOUTH OF THAT BRANCH; AND 0.73 MILES IN SCOTTS CREEK. CONTROLLING DEPTH: FROM THE 45 FOOT CONTOUR IN HAMPTON ROADS TO LAMBERT POINT, OUTBOUND HALF 45.0 FEET, INBOUND HALF, 45.0 FEET; LAMBERT POINT TO NORFOLK & WESTERN (FORMERLY VIRGINIA) RAILWAY BRIDGE CROSSING SOUTHERN BRANCH, 40 FEET; BRANCH CHANNELS RANGE FROM 5.0 TO 35.0 FEET. PROJECT DEPTH: FROM THE 45 FOOT CONTOUR IN HAMPTON ROADS TO LAMBERT POINT, 45 FEET; FROM LAMBERT POINT TO THE NORFOLK & WESTERN (FORMERLY VIRGINIA) RAILWAY BRIDGE CROSSING SOUTHERN BRANCH, 40 FEET; BRANCH CHANNELS RANGE FROM 12 TO 35 FEET. ANCHORAGES: TWO ANCHORAGES OPPOSITE SEWELLS POINT, 45 FEET DEEP OVER A SWINGING RADIUS OF 1,200 FEET. ANCHORAGE AREA ON THE WEST SIDE OF THE 45-FOOT CHANNEL OPPOSITE LAMBERTS POINT TOTALLING 173 ACRES CONSISTING OF 1-1500 S.F. AREA 38 FT. DEEP; 1-1500 SF AREA 35 FT. DEEP; 1-3000 FT BY 1000 FT. AREA 20 FEET DEEP, AND A 45 ACRE AREA 12 FT DEEP AT PINNERS POINT.

### COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1974-----	55,304,017	98,435	505,889	1979-----	48,650,778	45,837	502,524
1975-----	49,742,717	114,105	447,421	1980-----	54,217,591	44,745	459,623
1976-----	50,055,402	78,230	610,901	1981-----	52,897,674	44,861	543,924
1977-----	43,862,200	61,132	482,666	1982-----	55,294,916	40,600	418,859
1978-----	34,018,870	53,042	463,593	1983-----	42,967,830	320	457,706

NOTE: PASSENGER TOTALS ABOVE INCLUDE FERRY PASSENGERS.

### FREIGHT TRAFFIC, 1983

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
TOTAL-----	42,967,830	4,296,165	29,151,445	886,071	827,428	3,927,355	2,664,114	1,215,252
0101 COTTON, RAW-----	560	-----	560	-----	-----	-----	-----	-----
0102 HAY AND RYE-----	58,506	-----	44,439	-----	-----	14,067	-----	-----
0103 CORN-----	2,057,792	7	2,040,398	-----	-----	16,054	1,333	-----
0105 RICE-----	319	40	279	-----	-----	-----	-----	-----
0106 SORGHUM GRAINS-----	30	-----	30	-----	-----	-----	-----	-----
0107 WHEAT-----	764,704	-----	706,126	-----	-----	52,363	6,215	-----
0111 SOYBEANS-----	1,061,214	-----	981,523	-----	783	76,330	1,289	1,289
0119 OILSEEDS, NEC-----	33,025	655	32,370	-----	-----	-----	-----	-----
0121 TOBACCO, LEAF-----	149,654	31,760	116,880	-----	-----	-----	1,014	-----
0129 FIELD CROPS, NEC-----	3,647	267	3,380	-----	-----	-----	-----	-----
0131 FRESH FRUITS-----	1,450	-----	1,450	-----	-----	-----	-----	-----
0133 COFFEE-----	1,672	1,663	9	-----	-----	-----	-----	-----
0134 COCOA BEANS-----	55,070	54,713	357	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	4,104	405	3,703	-----	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	16,029	10,346	5,683	-----	-----	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	3,424	2,868	556	-----	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	187,342	184,389	2,953	-----	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	3,252	2,793	459	-----	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	6,429	4,409	304	-----	-----	1,629	87	-----
0912 SHELLFISH, EXCEPT PREPARED-----	5,464	3,698	893	-----	-----	171	702	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	12	12	-----	-----	-----	-----	-----	-----
1051 ALUMINUM ORES, CONCENTRATES-----	688,264	688,201	63	-----	-----	-----	-----	-----
1061 MANGANESE ORES, CONCENTRATES-----	22,278	22,278	-----	-----	-----	-----	-----	-----
1091 UNFEROUS ORES, CONCENT, NEC-----	1,182	992	190	-----	-----	-----	-----	-----
1121 COAL AND LIGNITE-----	25,436,332	19	23,877,018	-----	699,455	-----	859,840	-----
1311 CRUDE PETROLEUM-----	71,041	64,607	-----	-----	-----	-----	6,434	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	2,268,633	1	1,121	-----	-----	2,267,511	-----	-----
1451 CLAY-----	134,118	136,142	1,976	-----	-----	-----	-----	-----
1471 PHOSPHATE ROCK-----	1	-----	1	-----	-----	-----	-----	-----
1491 SALT-----	102,294	101,765	533	-----	-----	-----	-----	-----
1492 SULPHUR, DRY-----	341	-----	341	-----	-----	-----	-----	-----
1494 GYPSUM, CRUDE AND PLASTERS-----	305,850	305,271	579	-----	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	122,187	107,212	8,627	-----	-----	-----	6,348	-----
1911 ORDNANCE AND ACCESSORIES-----	110	52	58	-----	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	23,487	17,186	6,282	-----	19	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	2,161	1,174	987	-----	-----	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	19,555	-----	19,555	-----	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	2,585	69	2,516	-----	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC-----	2,582	391	31	-----	-----	-----	-----	-----
2022 DRIED MILK AND CREAM-----	2,977	178	2,799	-----	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	2,122	1,975	147	-----	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC-----	22,666	19,611	2,855	-----	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	10,416	9,229	1,117	23	47	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	5,985	-----	5,985	-----	-----	-----	-----	-----
2042 ANIMAL FEEDS-----	15,444	1,806	12,438	-----	-----	1,200	-----	-----
2049 GRAIN, MILL PRODUCTS, NEC-----	109,153	303	108,450	-----	400	-----	-----	-----
2061 SUGAR-----	22	20	2	-----	-----	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	62,983	55,318	6,324	43	1,298	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	90,050	4,352	86,741	19	2,493	-----	2,445	-----
2092 ANIMAL OILS AND FATS, NEC-----	21,574	135	13,959	-----	-----	7,480	-----	-----
2095 ICE-----	1,701	1,701	-----	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	37,680	17,095	9,058	65	654	-----	10,408	-----
2111 TOBACCO MANUFACTURES-----	68,552	27,544	38,336	-----	2,672	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	77,679	20,841	50,821	-----	297	-----	5,720	-----
2212 TEXTILE FIBERS, NEC-----	6,573	6,557	16	-----	-----	-----	-----	-----
2311 APPAREL-----	3,648	899	2,749	-----	-----	-----	-----	-----
2411 LUGS-----	19,231	405	3,826	-----	-----	-----	-----	-----
2413 FUEL WOOD, CHARCOAL, WASTES-----	165	56	109	-----	-----	-----	-----	-----
2414 FIBER, RUSTS, PILES, PILING-----	9,969	-----	554	-----	-----	-----	9,369	45
2416 WOOD CHIPS, STAVES, MULCHINGS-----	291	42	249	-----	-----	-----	-----	-----
2421 LUMBER-----	47,862	5,905	41,893	-----	64	-----	-----	-----

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# NORFOLK, VA, DISTRICT

NORFOLK HARBOR, VA.--CONTINUED

FREIGHT TRAFFIC, 1983--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2431 VENEER, PLYWOOD, WORKED WOOD-----	101,111	96,605	4,496	10	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NMT-----	3,227	2,463	1,358	-----	4	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	20,551	13,267	5,934	127	1,223	-----	-----	-----
2611 PULP-----	19,619	-----	19,799	-----	20	800	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	3,504	3,475	29	-----	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	43,949	18,675	25,271	23	-----	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	8,709	2,847	5,759	-----	103	-----	-----	-----
2711 PRINTER MATTER-----	4,704	1,721	2,986	-----	1	-----	-----	-----
2810 SODIUM HYDROXIDE-----	41,289	-----	-----	13,329	-----	-----	27,960	-----
2811 CHLOR. TAN. OIL, GAS PRODUCTS-----	14,165	19,089	76	-----	-----	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	307	-----	307	-----	-----	-----	-----	-----
2813 ALCOHOLS-----	1,857	428	1,429	-----	-----	-----	-----	-----
2816 RADIOACTIVE MATERIALS, WASTES-----	4,425	4,099	726	-----	-----	-----	-----	-----
2817 BENZENE AND TOLUENE-----	20	-----	20	-----	-----	-----	-----	-----
2818 SULFURIC ACID-----	5,280	-----	-----	-----	5,280	-----	-----	-----
2819 BASIC CHEMICALS AND PHMD, NEC-----	93,977	54,888	28,271	4,500	3,726	-----	1,500	1,092
2821 PLASTIC MATERIALS-----	54,595	5,946	48,636	11	2	-----	-----	-----
2822 SYNTHETIC RUBBER-----	31,687	1,092	25,628	-----	-----	-----	4,967	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	43,368	2,180	41,180	-----	-----	-----	-----	-----
2831 DRUGS-----	13,449	7,346	6,503	-----	-----	-----	-----	-----
2841 SOAP-----	9,660	2,255	7,561	-----	88	-----	-----	-----
2851 PAINTS-----	9,342	8,350	970	-----	22	-----	-----	-----
2861 GUM AND GUM CHEMICALS-----	1,052	259	793	-----	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	671,005	117,813	168,078	2,000	15,861	297,412	48,561	21,280
2872 POTASSIC CHEM FERTILIZERS-----	137,544	127,126	-----	-----	-----	137,544	5,045	5,373
2876 INSECTICIDES, DISINFECTANTS-----	8,830	754	8,035	-----	41	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	19,734	9,177	4,392	-----	18	-----	6,147	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	30,450	22,580	7,863	-----	7	-----	-----	-----
2911 GASOLINE-----	277,264	-----	23	7,471	-----	178,204	87,475	3,691
2912 JET FUEL-----	457,935	-----	-----	67,912	22,400	194,814	144,613	24,196
2913 KEROSENE-----	20,465	-----	-----	-----	1,422	17,721	1,322	-----
2914 DISTILLATE FUEL OIL-----	897,034	-----	7	89,116	20,885	280,718	366,375	139,933
2915 RESIDUAL FUEL OIL-----	3,917,281	1,434,515	-----	449,072	44,062	143,325	909,114	937,193
2916 LUBRICATING OILS AND GREASES-----	45,779	231	3,484	37,855	-----	-----	604	3,605
2917 NAPHTHA, PETROLEUM SOLVENTS-----	30	-----	30	-----	-----	-----	-----	-----
2918 ASPHALT, TAR, AND BITCHES-----	157,180	33,243	636	64,159	-----	59,142	-----	-----
2920 COKE, PETROLEUM COKE-----	26,626	2	26,624	-----	-----	-----	-----	-----
2921 LIQUEFIED GASES-----	100	-----	100	-----	-----	-----	-----	-----
2951 ASPHALT BUILDING MATERIALS-----	81	-----	81	-----	-----	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	40,247	1,675	359	37	81	3,757	19,398	14,940
3011 RUBBER AND MISC PLASTIC PROD-----	22,226	13,366	8,606	11	243	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	4,945	4,740	205	-----	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	10,705	3,843	6,826	-----	36	-----	-----	-----
3241 BUILDING CEMENT-----	237,093	25,683	10	138,350	-----	73,050	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	5,649	2,659	2,990	-----	-----	-----	-----	-----
3261 CUT STONE AND STONE PRODUCTS-----	5,322	4,891	431	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	26,081	5,214	4,817	-----	-----	13,180	2,870	-----
3311 PIG IRON-----	2,347	-----	2,347	-----	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	142	132	10	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	16,099	11,989	2,660	-----	-----	-----	1,450	-----
3316 IRON AND STEEL PLATES, SHEETS-----	9,687	4,227	5,660	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	6,895	2,151	4,742	-----	2	-----	-----	-----
3318 FERRIALLOYS-----	319	90	229	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	4,748	4,005	701	-----	2	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	4,575	980	3,595	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	48,851	47,342	1,509	-----	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	985	815	168	-----	2	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	9,028	4,895	4,130	-----	3	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	63,511	47,962	14,910	-----	439	150	50	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	164,526	70,731	82,783	90	100	10,222	600	-----
3611 ELECTRICAL MACH AND EQUIP-----	235,614	15,175	215,486	1,450	149	303	11	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	129,404	103,197	26,329	-----	282	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	523	70	253	-----	-----	200	-----	-----
3731 SHIPS AND BOATS-----	4,740	922	3,632	-----	-----	96	90	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	2,132	1,234	842	-----	56	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	4,030	1,747	2,283	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	4,434	2,863	1,269	-----	306	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	60,163	123	28,908	-----	-----	-----	31,132	-----
4012 NONFERROUS METAL SCRAP-----	5,275	469	4,806	-----	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SHEEP-----	2,720	63	2,656	-----	1	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	5,657	-----	5,657	-----	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	28,180	-----	-----	-----	-----	25,780	-----	2,400
4111 WATER-----	55,500	-----	-----	-----	-----	-----	1,500	54,000
4112 COMMODITIES, NEC-----	303,893	4,849	1,008	10,398	7,661	166,396	93,541	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	2,065	-----	2,065	-----	-----	-----	-----	-----
TOTAL TON-MILES,-----	479,383,750.	-----	-----	-----	-----	-----	-----	-----

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# NORFOLK, VA, DISTRICT

## TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY				DIRECTION			DIRECTION						
DRAFT (FEET)	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		
NORFOLK HARBOR, VA.													
INBOUND							OUTBOUND						
47							67					67	
46							27					27	
45							30					30	
44							13					13	
43							16					16	
42		1				1	30	1				40	
41							15					15	
40			2			2	45					45	
39		9	3			12	28					28	
38		4	13			17	30	1				31	
37		7	24			31	22	1				23	
36		25	14			39	41	7				48	
35		15	6			24	44	7				51	
34		33	4			41	35	5				48	
33		54	1			59	68	4				72	
32		83	4			87	70	2			1	73	
31		126	2			128	84	4				90	
30		167	2			169	168	9			1	174	
29		120	4			124	126	4				130	
28		142	4		1	141	162	15				177	
27		201	10		9	220	153	12				165	
26		124	10		2	134	94	15		1		115	
25		144	4	13	4	172	124	11		14	14	1	172
24		174	4		1	195	110	25			1	2	138
23		114	8	1	1	125	63	12			1	1	77
22		110	3		1	114	80	9					90
21		111	7		1	121	46	4		1	2	2	59
20		40	7	5	3	77	43	4		1	1		53
19		30	3	2	3	40	17	3		2	4	1	27
18 AND LESS		3,950	1,186	8,168	4,495	1,860	19,649	3,930	1,233	8,074	4,404	1,871	19,517
TOTAL		5,448	1,351	8,189	4,521	1,871	21,780	5,799	1,394	8,094	4,436	1,884	21,607
HAMPTON ROADS, VA.													
INBOUND							OUTBOUND						
47							71					71	
46							29					29	
45							90					90	
44							24					24	
43		1				1	32					32	
42		1				1	51	1				52	
41		1				1	27					27	
40		12	2			14	57					57	
39		19	4			23	38	1				39	
38		4	13			21	34	1				37	
37		7	25			32	33	2				35	
36		30	13			43	54	4				62	
35		24	6			30	44	7				56	
34		76	9			85	74	6				84	
33		60	1			61	70	4				74	
32		90	4			94	74	2			1	79	
31		136	2			138	84	7				95	
30		171	4			175	174	10			1	187	
29		141	4			146	130	4				139	
28		202	9		1	212	173	16				189	
27		212	10		9	231	161	12				173	
26		150	10		2	163	113	15		1		129	
25		164	8	13	4	190	142	12		14	14	3	164
24		192	19		1	212	120	25		1	27	2	175
23		154	9	1	3	171	74	12			4	1	93
22		124	3	1	1	133	97	11		2	2		112
21		134	6		1	147	57	9		1	2	2	71
20		74	6	9	1	94	51	4		4	3	2	64
19		42	3	2	1	51	24	3		2	6	1	36
18 AND LESS		9,783	1,236	9,204	5,743	1,854	27,820	9,771	1,189	9,113	5,694	1,914	27,684
TOTAL		12,020	1,407	9,230	5,767	1,867	30,291	11,994	1,367	9,137	5,758	1,929	30,190
CHANNEL TO NEWPORT NEWS, VA.													
EASTBOUND							WESTBOUND						
47		4				4							
46		2				2							
45		60				60							
44		11				11							
43		14				14		1					1
42		12				12							
41		12				12		1					1
40		12				12		4					4
39		10	1			11	10		1				11
38		6				6		4					4
37		11	1			12			1				13
36		15				13		5					9
35		5				5		6					6
34		43				43	43	2					45
33		2				2		2					2
32		6				6		7					7
31		4	1			5		10					10
30		4	1			5		11	2				13
29		4	1			5		21	2				23
28		11	1			12		20	1				21
27		4				4		11					11
26		14				14		24	1				25
25		14	1			15		20					20
24		50		1	26	77		16	2				18

## ITEM-2 : Transportation Lines of the United States

"Transportation Lines of the United States" contains information on the vessel operators and their American Flag vessels operating or available for operation in the transportation of freight and passengers. A summary of the information contained in this publication is given below:

TABLE 1 - Vessel Operators, addresses. (See page 6.)

TABLE 2 - Vessels, type and construction, net registered tonnage, length, breadth, draft, horsepower, carrying capacity, etc. (See page 7.)

TABLE 3 - Description of operations, type of service, principal commodities carried and localities served. (See page 8.)

Prior to the 1983-84 edition the "Transportation Lines of the United States" (TLUS) was a series consisting of three volumes:

"Transportation Series 3" (TS3) listing vessels operating on the  
Great Lakes

"Transportation Series 4" (TS4) listing vessels operating on the  
Mississippi River System and the  
Gulf Intracoastal Waterway

"Transportation Series 5" (TS5) listing vessels operating on the  
Atlantic, Pacific and Gulf Coasts

The 1983-84 publication consolidated the three volumes into one. The current purchase price for the consolidated volume which includes TS3, TS4, and TS5 is \$7.00. The Waterborne Commerce Statistics Center does not maintain an extensive historical library for the Transportation publications. The prices of historical copies when available will be as follows:

TS3 - \$1.00

TS4 - \$5.00

TS5 - \$3.25

COPIES OF THESE PUBLICATIONS ARE FOR SALE BY:

Commander  
U.S. Army Engineer District, New Orleans  
ATTN: LMNED-S  
P.O. Box 60267-0267  
New Orleans, LA 70160

NOTE: Remittance for these publications, check or money order (in U.S. funds), should accompany order and be made payable to the FAO, USAED, New Orleans.

TABLE 1 - ALPHABETICAL LIST OF TRANSPORTATION LINES

ENG. DIST.	OPERATOR NAME	ADDRESS
	A	
321	A & A MARINE TOWING, INC.	205 MONSANTO LULING LA 70070
311	A & D MARINE	3503 FRONTAGE RD SUITE 4 VICKSBURG MS 39180
321	A & D TOWING SVC., INC.	P. O. BOX 785 ABREVILLE LA 70510
321	A & G STEVEDORING	601 LOUISIANA AVE. NEW ORLEANS LA 70115
031	A & S TRANSPORTATION	75 JACOBUS AVENUE SOUTH KEARNY NJ 07032
211	A M & O TOWING, INC.	11341 STATE ROUTE 170 NEGLEY OH 44441
161	A&A MARINE SERVICE, INC.	P. O. BOX 11194 CHICKASAW AL 36611
161	A&G TRANSPORTATION CO.	P. O. BOX 11397 CHICKASAW AL 36611
321	A&P BOAT RENTALS, INC.	P. O. BOX 519 CUT OFF LA 70345
171	A. & O. BARGE LINE, INC.	140 NORTH MARKET STREET CHATTANOOGA TN 37405
011	A. C. CRUISE LINE, INC.	28 NORTHERN AVE. ROSTON MA 02210
321	AAMTO, INC. LA	511 WESTBANK EXPRESSWAY SUITE 202A GRETN LA 70053
311	ABC TRANS.	P. O. BOX 817 GREENVILLE MS 38701
321	ABLE PARTNERSHIP #2	1300 ONE LAKEWAY CENTER 3900 N. CAUSEWAY BLVD METAIRIE LA 70002
321	ACQUATIC TOWING, INC.	P. O. BOX 517 MORCO LA 70071
321	ADAMS & DANOSE MARINE TRANSPORTATION	P. O. BOX 405 VENICE LA 70091
321	ADAMS INSHORE MARINE TRANSP., INC.	P. O. BOX 405 VENICE LA 70091
321	ADAMS INTERNATIONAL, INC.	P. O. BOX 405 VENICE LA 70091
321	ADAMS MARINE TRANSP.	P. O. BOX 405 VENICE LA 70091
321	ADAMS TOWING CORP.	P. O. BOX 168 MORGAN CITY LA 70380
321	ADAMS TUGS, INC.	P. O. BOX 405 VENICE LA 70091
201	ADDINGTON BROS. MINING, INC.	BOX 6100 MUNTINGTON WV 25771
321	ADMIRAL LEE TOWING, INC.	ROUTE 1, BOX 289 CUT OFF LA 70345
381	AFOGNAK LOGGING, INC.	P. O. BOX 682 KODIAK AK 99615
321	AGGREGATE BARGE CO.	P. O. BOX 8126 NEW ORLEANS LA 70182
291	AGRI-TRANS CORP.	10825 HATSON ROAD P. O. BOX 8550 ST. LOUIS MO 63127
451	AGRICOL CHEMICAL CO.	P. O. BOX 3166 TULSA OK 74101
421	AIKANE CATANARANS	677 ALA MOANA BLVD. RM. #16 HONOLULU HI 96813
271	AIPLE TOWING COMPANY	133 SOUTH WATER STREET STILLWATER MN 55082
171	ALABAMA BARGE CO.	BOX 1924 DECATUR AL 35602
161	ALABAMA RIVER TOWING COMPANY	P. O. BOX 488 MORILE AL 36601
331	ALAMO BARGE COMPANY, INC.	800 HOUSTON NATURAL GAS BUILDING HOUSTON TX 76079
321	ALARID TOWING	1400 AVENUE E P. O. BOX 267 WARRERO LA 70059
381	ALABCO TOWING CO.	P. O. BOX 638 WRANGELL AK 99929

TABLE 2 - DESCRIPTION OF VESSELS

ENGINE DIST	OPERATOR	NET TONS	REGIS- TER	IC PAGE	IC NAGE	IC IV	IC ALL	IC ALL	IC SLIGHT	IC POWER	IC ENGINES	IC (FEET)	IC LINE-1	IC LINE-2	IC LINE-2	IC REBUILD
VESSEL NAME AND NUMBER	COAST GUARD NUMBER	TER	REG	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC
(32) A & A MARINE TOWING, INC. CHARMAINE ALARIO	1568300	7013A36	52.61	22.51	7.61	8001	-	32.01	NONE	11A	NEW	ORLEANS	1979			
(32) A & D TOWING SVC., INC. TRINITY	1271028	1413A36	44.41	-	6.01	3001	-	14.01	NONE	11A	INTRACOAS-	TAL	1956			
(32) A & G STEVEDORING CYNTHIA W	1585455	8213A36	56.31	24.01	8.01	12001	-	40.01	NONE	11A	NEW	ORLEANS	1977			
FREDERICK E. KAMPNUIS	1533795	9513A36	61.01	24.01	9.21	10001	-	40.01	NONE	11A	NEW	ORLEANS	1971			
LARRY MARTIN	1598133	8113A36	56.81	22.11	7.61	8001	-	40.01	NONE	11A	NEW	ORLEANS	1978			
(03) A & S TRANSPORTATION DINA MARIE	1260490	150515A70	211.11	42.91	13.51	-	30001	15.01	NONE	11N	SOUTH	KEARNY	1950			
KIMBERLY ANN	1278558	407615A71	272.01	68.01	17.91	-	80001	40.012-TON	BOOP	11N	SOUTH	KEARNY	1959			
LISA	1278314	407615A71	272.01	68.01	17.21	-	80001	40.012-TON	BOOP	11N	SOUTH	KEARNY	1959			
MARIA	1279362	258815A71	300.01	64.01	15.01	-	80001	34.014	2-TON	WCOMS,	11N	SOUTH	KEARNY	1959		
VERONICA EVELYN	1265571	150515A71	211.11	42.91	11.01	-	30001	29.51	NONE	11N	SOUTH	KEARNY	1953			
(21) A M & O TOWING, INC. CARLEA W.	1273731	3213A35	44.01	15.01	5.01	4001	-	22.01	NONE	10N	EAST	LIVERPOOL	1957			
RON-CHRIS	1263103	3613A35	49.01	20.01	4.51	4301	-	26.91	NONE	10N	EAST	LIVERPOOL	1952			
WILLIAM M	1276762	3213A35	53.01	21.01	7.01	4501	-	24.01	NONE	10N	HANNIBAL	1958				
LADY MARY	1238800	3713A36	62.31	17.01	3.01	4001	-	25.01	NONE	10N	EAST	LIVERPOOL	1939			
STEPHEN W.	1270994	4513A36	53.01	20.01	5.01	4401	-	28.01	NONE	10N	EAST	LIVERPOOL	1956			
WIL-MAR	1592154	2413A36	45.01	18.01	4.01	5121	-	24.01	NONE	10N	EAST	LIVERPOOL	1978			
T 2	-----	41214A40	175.01	26.01	8.71	-	10061	11.51	NONE	10N	EAST	LIVERPOOL	1953			
T 3	-----	41314A40	175.01	26.01	8.51	-	9251	11.81	NONE	10N	EAST	LIVERPOOL	1955			
T 4	-----	41314A40	175.01	26.01	8.51	-	9251	11.81	NONE	10N	EAST	LIVERPOOL	1955			
T 5	-----	41314A40	175.01	26.01	8.51	-	9251	11.81	NONE	10N	EAST	LIVERPOOL	1955			
(16) ASA MARINE SERVICE, INC. MISS ASHLEY	1250178	4013A36	52.41	17.01	8.01	8001	-	26.01	NONE	11A	SANA LANC	1977				
(16) ASG TRANSPORTATION CO. BILOXI	-----	15413A36	85.01	30.01	10.51	21001	-	27.01	NONE	11A	MOBILE	1982				
CADDO	1641456	15413A36	80.51	30.01	10.51	21001	-	27.01	NONE	11A	MOBILE	1981				
MOBILIAN	1639568	15413A36	80.51	30.01	10.51	21001	-	27.01	NONE	11A	MOBILE	1981				
NANIABA	-----	15413A36	80.51	30.01	10.51	21001	-	27.01	NONE	11A	MOBILE	1981				
PASCAGOULA	-----	15413A36	85.01	30.01	10.51	21001	-	27.01	NONE	11A	MOBILE	1982				
PIACHI	-----	15413A36	85.01	30.01	10.51	21001	-	27.01	NONE	11A	MOBILE	1982				
PUSHMATAHA	-----	15413A36	85.01	30.01	10.51	21001	-	27.01	NONE	11A	MOBILE	1982				
TAMOME	-----	15413A36	80.51	30.01	10.51	21001	-	27.01	NONE	11A	MOBILE	1982				
TUNICA	-----	15413A36	80.51	30.01	10.51	21001	-	27.01	NONE	11A	MOBILE	1982				
TUSKEGEE	1640835	15413A36	80.51	30.01	10.51	21001	-	27.01	NONE	11A	MOBILE	1981				
(32) ABP BOAT RENTALS, INC. LEON G	-----	5611A02	65.01	26.01	5.61	6001	271	35.01	NONE	11A	MOBILE	1981				
T-MIKE	-----	8311A02	65.01	26.01	5.61	6001	271	35.01	NONE	11A	MOBILE	1981				
BLUE JAY	1640204	6711C02	110.01	26.01	5.61	20351	301	25.01	NONE	11A	MOBILE	1981				
BOB WHITE	1553633	5611C02	77.01	18.51	3.91	13501	131	25.01	NONE	11A	MOBILE	1973				
CANARY	1530754	6511C02	110.01	26.01	5.61	20251	301	25.01	NONE	11A	MOBILE	1978				
CARDINAL	-----	6711C02	110.01	26.01	5.61	20251	301	25.01	NONE	11A	MOBILE	1982				
FLAMINGO	-----	6411C02	110.01	22.01	5.01	20251	301	25.01	NONE	11A	MOBILE	1980				
LARK	1645927	5311C02	77.01	18.51	3.91	13501	131	25.01	NONE	11A	MOBILE	1982				
PARAKEET	1610549	6411C02	110.01	22.01	5.01	20251	301	25.01	NONE	11A	MOBILE	1979				
PARROT	1606591	5611C02	77.01	18.51	3.91	13501	131	25.01	NONE	11A	MOBILE	1981				
RAVEN	1600684	6311C02	110.01	22.01	5.61	20251	301	25.01	NONE	11A	MOBILE	1978				
ROBIN	1613053	6611C02	110.01	22.01	5.61	20251	301	25.01	NONE	11A	MOBILE	1979				
SPARROW	-----	5611C02	77.51	18.51	3.91	13501	131	25.01	NONE	11A	MOBILE	1981				

E N G I N E E R I N G	OPERATOR NAME	SERVICE 1. REGULATED BY INTERSTATE COM- MERCE COMMISSION 2. EXEMPT FOR HIRE 3. PRIVATE 4. UNKNOWN	PRINCIPAL COMMODITIES CARRIED	POINTS OR LOCALITIES AND WATERWAYS BETWEEN WHICH OR ON WHICH OPERATED
321A	A & A MARINE TOWING, INC.	12	TOWING	MISSISSIPPI RIVER (NOT NORTH OF BATON ROUGE, LA); GULF INTRACOASTAL WATERWAY; NOT MORE THAN 2 MILES OFFSHORE--APALACHICOLA, FL; BROWNSVILLE, TX
311A	D MARINE	12	GRAIN	ARKANSAS, YAZOO, LOWER MISSISSIPPI RIVERS--NEW ORLEANS, LA TO ST. LOUIS, MO
321A	D TOWING SVC., INC.	12	TOWING	VERMILION BAY & INLAND WATERWAYS AND LAKES SURROUNDINGS INTRACOASTAL CANAL AND BAYS, LAKES AND SOUNDS
321A	G STEVEDORING	13	TOWING	MISSISSIPPI RIVER, GULF AND INLAND WATERWAYS SYSTEM
031A	S TRANSPORTATION	12	SLUDGE AND WASTE MATERIAL	NEW YORK HARBOR TO DUMPING GROUNDS
211A	M & D TOWING, INC.	12	TOWING	ALLEGHENY, MONONGAHELA, AND OHIO RIVERS
101A	ABA MARINE SERVICE, INC.	13	TOWING	INTRACOASTAL WATERWAY
101A	BG TRANSPORTATION CO.	19	COAL, IRON ORE	BLACK HARBOR AND TOMBIGBEE RIVERS
321A	BP BOAT RENTALS, INC.	12	TOWING, PASSENGERS AND CARGO	MISSISSIPPI RIVER AND GULF INTRACOASTAL WATERWAY OF LOUISIANA AND TEXAS
171A	O. BARGE LINE, INC.	11	COAL, FERTILIZER, AND STEEL	ICATOOSA, OK TO MOUTH OF WHITE RIVER TO THE MISSISSIPPI RIVER; GREENVILLE, MS AREA; MCCELLAN KERR/ARKANSAS RIVER NAVIGATION SYSTEM, TENNESSEE RIVER AND TRIBUTARIES
011A	C. CRUISE LINE, INC.	12	PASSENGERS	ROSTON HARBOR TO GLOUCESTER; SMITH COVE
321A	AMTO, INC. LA	12	TOWING	MISSISSIPPI RIVER GULF INTRACOASTAL WATERWAY OF LOUISIANA
311A	BC TRANS.	19	CHARTERS TO OTHERS	
321A	BLE PARTNERSHIP #2	12	DECK CARGO	GULF OF MEXICO AND ATLANTIC OCEAN
321A	CQUATIC TOWING, INC.	12	DRY MATERIAL (SAND, SHELLS)	GULF INTRACOASTAL WATERWAY
321A	DAMS & DANOS MARINE TRANSPORTATION	12	PASSENGERS	MISSISSIPPI RIVER AND INTRACOASTAL WATERWAY
321A	DAMS INSHORE MARINE TRANSP., INC.	12	TOWING	INLAND WATERWAY - GULF OF MEXICO AND WESTERN RIVER
321A	DAMS INTERNATIONAL, INC.	12	TOWING	GULF OF MEXICO AND WESTERN RIVER
321A	DAMS MARINE TRANSP.	12	TOWING	INLAND TOWING - GULF OF MEXICO AND WESTERN RIVER
321A	DAMS TOWING CORP.	12	OILFIELD SUPPLIES, DRILL PIPE	NEW ORLEANS, LA TO PORT OGDONOR, TX
321A	DAMS TUGS, INC.	12	TOWING	INLAND WATERWAYS AND GULF OF MEXICO; WESTERN RIVER
201A	DINGTON BROS. MINING, INC.	13	COAL	OHIO AND BIG SANDY RIVERS
321A	DAMIRAL LEE TOWING, INC.	12	TOWING	GULF OF MEXICO
301A	FOGNAK LOGGING, INC.	12	LUMBER, LOGS	FOGNAK AREA
321A	GGREGATE BARGE CO.	13	TOWING	INLAND WATERWAYS - SOUTH TO VENICE AND EAST TO GULFPORT AND MORGAN CITY
201A	GRI-TRANS CORP.	12	TOWING AND BULK FREIGHT	MISSISSIPPI RIVER SYSTEM
051A	GRICO CHEMICAL CO.	13	ANHYDROUS AMMONIA	PORT OF CATONSA, OKLA; BLYTHEVILLE, AR; DONALD- SONVILLE, LA AND POINTS ON MISSISSIPPI, OHIO AND ILLINOIS RIVERS
021A	IKANE CATAMARANS	12	PASSENGERS	LAKES, BAYS AND SOUNDS SURROUNDING MANALA BAY, DIAMOND HEAD, RARRERS POINT AND 20 MILES OFFSHORE, HAWAIIAN ISLANDS
271A	ITPLE TOWING COMPANY	11	BULK COMMODITIES	MISSISSIPPI RIVER SYSTEM
171A	LABAMA BARGE CO.	19		
101A	LABAMA RIVER TOWING COMPANY	12	PETROLEUM PRODUCTS	MISSISSIPPI RIVER, NEW ORLEANS AND BATON ROUGE, LA; GULF INTRACOASTAL WATERWAY, HOUSTON, TX; LAKE CHARLES, LA; PASCAGOULA, MS; PENSACOLA, FL; BLACK HARBOR AND TOMBIGBEE, MOBILE, AL
331A	LAMO BARGE COMPANY, INC.	12	ISTYRENE, BULK LIQUIDS, LIQUIFIED PETROLEUM, AND PETROCHEMICALS	GULF INTRACOASTAL WATERWAY AND MISSISSIPPI AND OHIO RIVER SYSTEMS
321A	LARIO TOWING	19		
301A	LASCO TOWING CO.	12	LOGS AND GENERAL CARGO	SOUTHEAST ALASKA
301A	ALASKA BRITISH COLUMBIA TRANSPORTATION CO.	12	TOWING	PUGET SOUND, ALASKA AND SOUTHEAST ASIA
301A	ALASKA HYDRO-TRAIN	12	GENERAL CARGO IN RAILROAD CARS	SEATTLE, WA TO WHITTIER, AK
301A	ALASKA LIGHTERAGE, INC.	12	GRAVEL AND GENERAL CONSTRUCTION EQUIPMENT	COOK INLET
301A	ALASKA LUMBER & PULP	13	WOOD CHIPS	KRANGELL TO SITKA, AK
301A	ALASKA MARINE HIGHWAY SYSTEM	12	PASSENGERS AND VEHICLES	CAPE CHERIFIL, KOTIAV, PRINCE WILLIAM SOUND, AND SOUTHEAST AND SOUTHWEST ALASKA TO SEATTLE, WA
301A	ALASKA MARINE LINES, INC.	12	GENERAL CARGO	PUGET SOUND TO JUNEAU AND SITKA, AK
301A	ALASKA OUTPORT TRANSPORTATION ASSN., INC.	13	GENERAL FREIGHT	PUGET SOUND TO ALASKA
301A	ALASKA PUGET UNITED COMPANY (APUTCO)	12	GENERAL CARGO	PUGET SOUND AND WESTERN ALASKA
371A	ALBANY BARGE LINES	11	GENERAL CARGO, GRAIN, PETROLEUM, CHEMICALS, CEMENT, FERTILIZER, MACHINERY, AND ASPHALT	COLUMBIA, WILLAMETTE, AND SNAKE RIVERS
321A	ALBERT & JUDY, INC.	12	TOWING	MISSISSIPPI RIVER AND INLAND WATERS

### Item 3: Summary of U.S. Flag Vessels

(Exclusive of Fishing and Excursion Vessels, General Ferries, and Dredges, Derricks, etc., used in Construction Work.)

NOTE: Historic copies available from 1963

Type of Vessels	Total 1981 & 1982	Total 1983 & 1984	1 May 1983		
			Atlantic, Gulf, and Pacific Coasts	Mississippi River System and the Gulf Intracoastal Waterway	Great Lakes System
SELF-PROPELLED:					
Dry Cargo/and/or Passenger, steam or motor:					
Number of vessels	2,327	2,460	850	1,356	254
Horsepower	8,426,775	8,884,202	5,964,524	2,147,431	772,247
Cargo Capacity (short tons)	7,998,876	7,968,013	4,708,472	336,545	2,922,996
Number of passengers (cap.)	156,249	149,760	85,722	41,029	23,009
Ferries, Railroad Car, steam or motor:					
Number of vessels	78	97	88	-----	9
Horsepower	161,550	262,077	236,190	-----	25,887
Number of R.R. cars (cap.)	2,511	100	-----	-----	100
Tankers, Steam or Motor:					
Number of vessels	333	282	273	-----	9
Horsepower	4,788,303	3,831,990	3,811,055	-----	20,935
Cargo Capacity (short tons)	18,278,727	16,116,015	16,063,451	-----	52,564
Towboats:					
Number of vessels	4,890	4,993	1,556	3,289	148
Horsepower	7,601,291	7,987,881	2,481,737	5,344,675	161,469
Sailing Vessels:					
Number of vessels	3	53	13	38	2
Cargo Capacity (short tons)	-	4,400	-----	1,700	2,700
Number of passengers (cap.)	92	-----	-----	-----	-----
TOTAL, SELF-PROPELLED:					
Number of vessels	7,631	7,885	2,780	4,683	422
Horsepower	20,977,919	20,996,150	12,493,506	7,492,106	980,538
Cargo Capacity(short tons)	26,277,603	24,088,428	20,771,923	338,245	2,978,260
Number of passengers (cap.)	156,341	149,760	85,722	41,029	23,009
Number of R.R. cars (cap.)	2,511	100	-----	-----	100
NON-SELF PROPELLED:					
Barges and Scows, Dry Cargo:					
Number of vessels	29,479	29,730	4,760	24,712	258
Cargo Capacity (short tons)	38,031,076	38,720,522	4,910,796	33,381,561	428,165
Tankers:					
Number of vessels	4,909	4,114	669	3,404	41
Cargo Capacity (short tons)	11,902,371	10,426,383	3,215,557	7,122,648	88,178
Railroad Car Floats:					
Number of vessels	60	55	49	1	5
Number of R.R. cars (cap.)	666	842	689	12	141
TOTAL, NON-SELF-PROPELLED:					
Number of vessels	34,448	33,899	5,478	28,117	304
Cargo Capacity (short tons)	49,933,447	49,146,905	8,126,353	40,504,209	516,343
Number of R.R. cars (cap.)	666	842	689	12	141
GRAND TOTAL, SELF-PROPELLED AND NON-SELF-PROPELLED:					
Number of vessels	42,079	41,784	8,258	32,800	726
Horsepower	20,977,919	20,966,150	12,493,506	7,492,106	980,538
Cargo Capacity (short tons)	76,211,050	73,235,333	28,898,276	40,842,454	3,494,603
Number of Passengers(cap.)	156,341	149,760	85,722	41,029	23,009
Number of R.R. cars (cap.)	3,177	942	689	12	241

#### ITEM-4 : Transportation Lines - Vessel Master File Recorded on Computer Tape

The vessel descriptive information contained in Table 2 of the "Transportation Lines of the United States" publication is available on computer tape.

**Tape Specifications:**

Record Layout & Field Descriptions - see pages 11-16

Record Length - 326 characters per record

Recording Mode ASCII

Blocking factor - 1 record per block

Parity - Odd

Density - 800bpi or 1600bpi

Cost: \$200.00

Contact: Mr. Thomas G. Mire  
Chief/Special Projects Office  
(504) 862-1470







## FIELD DESCRIPTIONS

### TRANSPORTATION LINES - VESSEL MASTER FILE

#### Vessel Record Key - VSL REC KEY (Col 1-7):

File Year - FL YR (Col 1 and 2) - This field identifies the calendar year in which this inventory of vessels was compiled.

Vessel Code (Col 3-7) - This field will contain a unique vessel identification number assigned by WCSC.

Corps of Engineer District - ENG DIST (Col 8 & 9) - This field will contain a 2-digit code for the Corps District in which the vessel is domiciled. See Attachment 1 for definition of district codes.

Vessel Net Register Tonnage (NRT) (Col 10 - 15) - This field will contain 6 numeric characters that specify the NRT of a particular vessel. The NRT is defined as the volume of space available for the accommodation of passengers and the stowage of cargo expressed in units of 100 cubic feet for each net register ton. The NRT is recorded on the vessel's registration papers or it can be determined as the difference between gross tonnage and the volume of space used for the accommodation of the vessel master, officers, crew, navigation and propelling machinery expressed in units of 100 cubic feet per ton. The NRT should not be confused with a tonnage capacity because it simply expresses a volume capacity for passengers and cargo. Depending on the type of cargo being transported the tonnage that can be stowed in the volume of 100 cubic feet will vary although generally speaking the total tonnage capacity should not exceed three times the NRT of the vessel.

Vessel Type - V. TYPE (Col 16) - This field will contain a 1-digit numeric code that specifies the vessel type. These codes are defined below:

<u>Vessel Type</u>	<u>Description</u>
1	- Self-Propelled, Dry Cargo
2	- Self-Propelled, Tanker
3	- Towboat or Tugboat
4	- Non-self Propelled, Dry Cargo
5	- Non-self Propelled, Tanker
6	- Other

Vessel Name - (Col 17-38) - This field will contain 22 alphanumeric characters used to describe the vessel by name.

Vessel Number (Col 39 - 45) - This field will contain a maximum of 7 numeric characters used to describe the vessel number.

Coast Guard Number (Col 46-55) - This field will contain the official number assigned to this particular vessel by the U. S. Coast Guard at the time of registration. This number is normally retained by a vessel throughout the life of the vessel.

Vessel Operator Code (Col 56 - 60) - This field will contain a 5-digit code assigned to the vessel operator by WCSC.

Vessel Owner Name (Col 61 - 90) - This field will contain the name associated with the vessel operator code (Col 56 - 60) when the vessel has been reported in commercial trade. In the absence of such an operator identification, the field will contain the vessel owner name if available. The owner does not necessarily operate the vessel.

Operator Last Reported (Col 91 - 95) - When the vessel has been reported in commercial trade, the WCSC code for the last reporting operator will be given in this field.

Filler (Col 96 - 194) - For use by WCSC only.

#### Length

Register Length - Col 195 - 199) - This field will contain 5 numeric characters which specify the register length of the vessel reported in units of feet to the nearest tenth. The register length of a vessel is the length measured on the top of the tonnage deck from the fore part of the outer planking or plating at the bow to the after part of the sternpost of screw steamers and to the after part of the rudder post of other vessels.

Overall Length - Col 200 - 204) - This field will contain 5 numeric characters which specify the overall length of the vessel reported in units of feet to the nearest tenth. The overall length is the extreme length of the vessel which would include any structure which extends beyond the outer planking or plating on the bow or any structure that extends beyond the sternpost on screw steamers of the rudder post of other vessels.

#### Breadth

Register Breadth - (Col 205 - 208) - This field will contain 4 numeric characters which specify the register breadth of the vessel reported in units of feet to the nearest tenth. The register breadth of a vessel is the breadth at its widest part measured from the outside of the planking or plating on one side to the corresponding point on the opposite side.

### Breadth (continued)

Overall Breadth - (Col 209 - 212) - This field will contain 4 numeric characters which specify the overall breadth of a vessel reported in units of feet to the nearest tenth. The overall breadth is the extreme breadth of maximum breadth to the outside of the vessel's structure. In paddle ships this includes the paddle boxes.

### Draft

Loaded Draft - (Col 213 - 216) - This field will contain 4 numeric characters which specify the draft of the vessel when fully loaded reported in units of feet to the nearest tenth.

Light Draft - (Col 217 - 220) - This field will contain 4 numeric characters which specify the draft of the vessel when it is empty reported in units of feet to the nearest tenth.

Horsepower - (Col 221 - 226) - This field will contain 6 numeric characters which specify horsepower rating for that particular vessel. The figures in this field represent the horsepower rating reported when the vessel was new or when the present engine was installed.

### Capacity

Ref - Reference System (Col 227) - This field will contain one alpha character which will designate a type of cargo carried by that particular vessel as defined below:

<u>Character</u>	<u>Type of Cargo</u>
Blank	General bulk cargo
+	Railroad cars
#	Autos, vehicles, trailers
%	Cargo capacity R.R. cars
@	Vans
&	Container

Cargo Tons - (Col 228 - 233) - This field will contain 6 numeric characters that specify the full load capacity in short tons (2,000 lbs).

Passengers - Pass (Col 234 - 237) This field will contain 4 numeric characters that will specify the passenger capacity of the vessel.

Highest Fixed Point - (Col 238 - 241) - This field will contain 4 numeric characters which will specify the height of the highest fixed point on the vessel. The height represents the distance between the waterline of the vessel (when light) and the highest fixed point on the vessel such as a pilot house, mast, etc. If the highest point of a vessel is a hinged stack or retractable pilot house, the distance is given to the hinge or top of pilot house in lowered position.

Rebuilt Code - RBLT (Col 242) - If this column contains an asterisk then the year given in the following field will be the year rebuilt rather than the year built.

Year Built or Rebuilt (Col 243 - 246) - This field will contain the year the vessel was built or rebuilt. If Col 242 of this vessel record contains an asterisk (\*) then the year given in this field will be the year rebuilt.

Report Code - RPT C (Col 247) - For use by WCSC only.

Vessel Type, Construction and Characteristics - VTCC (Col 248 - 251). This field will contain a 4 character alphanumeric code which will describe in general terms the vessel type, construction and characteristics of its use, e.g. 2A22 represents the code for a self-propelled tanker constructed of steel which is being used as a liquid bulk tanker. See Attachment 2 for an explanation of the VTCC codes.

Cargo Handling Equipment (CHE-1 & CHE-2) (Col 252 - 283) - This field will contain 32 alphanumeric characters which describe permanent fixtures such as cranes, derricks, hoists, pumps, etc. and the handling capacity and type of power used to operate the equipment such as steam, electric, diesel, etc. CHE-1 and CHE-2 break up this descriptive data so that it can be printed in a two line format with CHE-1 over CHE-2.

Vessel Operating Base (VOB-1 & VOB-2)

State (Col 284 & 285) - This field will contain the 2 alpha character designations for states such as LA, TX, etc.

VOB-1 & VOB-2 (Col 286 - 305) - This field will contain a maximum of 20 alphanumeric characters which specify the city or locality which is the operating headquarters of the vessel. VOB-1 and VOB-2 break up this descriptive data so that it can be printed in a two line format with VOB-1 over VOB-2.

Filler (306 - 326) - For use by WCSC only.

## ITEM-5 : Transportation Lines - Operator Master File Recorded on Computer Tape

The vessel operating company information contained in Tables 1 and 3 of the "Transportation Lines of the United States" publication is available on computer tape.

### Tape Specifications:

Record Layout & Field Descriptions - see pages 18-22

Record Length - 768 characters per record

Recording Mode - ASCII

Blocking factor - 1 record per block

Parity - Odd

Density - 800bpi or 1600bpi

Cost: \$75.00

Contact: Mr. Thomas G. Mire  
Chief/Special Projects Office  
(504) 862-1470









## FIELD DESCRIPTIONS

### TRANSPORTATION LINES - OPERATOR MASTER FILE

Transportation Lines Operator Code - TL OPERATOR CODE (Col 1-5) - This is a 5 digit numeric code used for internal processing.

Transportation Series - TS (Col 6) - This field will contain the digit 3, 4 or 5 to designate the series in which this operator would have appeared under the previous policy of publishing three volumes. The three volumes were compiled by geographical region as follows:

TS-3: Transportation Lines on the Great Lakes System

TS-4: Transportation lines on the Mississippi River System and the Gulf Intracoastal Waterway

TS-5: Transportation Lines on the Atlantic, Gulf and Pacific Coasts.

Corps District Number - ENG DIST (Col 7 & 8) - This field will contain a 2-digit code for the Corps District in which the vessel is domiciled. See Attachment #1.

Service-SER(COL 9)- This field specifies the type of service in which the operator transports goods. These type of services are defined below:

- 1 - Carriage performed for compensation that is regulated by the Interstate Commerce Commission (ICC).
- 2 - Carriage performed for compensation but exempt from regulation by the ICC.
- 3 - Carriage performed by a private entity where the vessel and the goods being transported are owned by the same entity.

Suspense Codes - SUS (Col 10) - For internal use only.

Operator Name [Line-1](Col 11- 41)

Operator Name [Line-2](Col 42-72)

Operator Name [Line-3](Col 73-103)

} Self-explanatory

Operator Address [Line-1](Col 104-153)

Operator Address [Line-2](Col 154-203)

Operator Address [Line-3](Col 204-242)

} Self-explanatory

State Abbreviation - ST (Col 243 & 244) - This field will contain the State abbreviations such as LA, TX, etc.

Zipcode-1 (Col 245-249) - This field will contain the first 5 digits of the nine digit zipcode.

Zipcode-2 (Col 250-253) - This field will contain the last 4 digits of the nine digit zipcode.

<u>Principal Commodities Carried [Line-1](Col 254-297)</u>	} Self-explanatory
<u>Principal Commodities Carried [Line-2](Col 298-341)</u>	
<u>Principal Commodities Carried [Line-3](Col 342-385)</u>	
<u>Principal Commodities Carried [Line-4](Col 386-429)</u>	
<u>Principal Commodities Carried [Line-5](Col 430-473)</u>	
<u>Principal Commodities Carried [Line-6](Col 474-497)</u>	

Commodity Group 1 - COMM GPI (Col 498 & 499) - If there is an entry in this field it will contain the first two digits of the commodity group mentioned under principal commodities carried.

Commodity Group 2 - COMM GP2 (Col 500 & 501) - Same as above  
Commodity Group 3 - COMM GP3 (Col 502 & 503) - Same as above  
Commodity Group 4 - COMM GP4 (Col 504 & 505) - Same as above  
Commodity Group 5 - COMM GP5 (Col 506 & 507) - Same as above  
Commodity Group 6 - COMM GP6 (Col 508 & 509) - Same as above  
Commodity Group 7 - COMM GP7 (Col 510 & 511) - Same as above  
Commodity Group 8 - COMM GP8 (Col 512 & 513) - Same as above  
Commodity Group 9 - COMM GP9 (Col 514 & 515) - Same as above  
Commodity Group 10 - COMM GP10 (Col 516 & 517) - Same as above

Points or Localities and Waterways [Line-1](Col 518-567)  
Points or Localities and Waterways [Line-2](Col 568-617)  
Points or Localities and Waterways [Line-3](Col 618-667)  
Points or Localities and Waterways [Line-4](Col 668-717)  
Points or Localities and Waterways [Line-5](Col 718-767)

Filler (Col 768) - For internal use only.

## ITEM-6 : WCSC Manuscript Data File Recorded on Computer Tape

The data in the "Waterborne Commerce of the United States, Parts 1-4" are available on computer tape.

### Tape Specifications:

Record Layout & Field Descriptions - see pages 24 & 25

Record Length - 36 characters per record

Recording Mode - ASCII

Blocking factor - 56 records per block

Parity - Odd

Density - 800bpi or 1600bpi

Cost: \$100.00 for data corresponding to any one volume

\$150.00 for data corresponding to any two volumes

\$175.00 for data corresponding to any three volumes

\$200.00 for data corresponding to all four volumes

Contact: Mr. Thomas G. Mire  
Chief/Special Projects Office  
(504) 862-1470

ITEM-6 : WCSC Manuscript Data File Recorded on Computer Tape

TAPE LAYOUT		TAPE NO.	PREPARED BY	DATE	PAGE NO.
For use of this form, see AR 18-2. The preparing agency is Office of the Comptroller of the Army.			WATERBORNE COMMERCE STATISTICS CENTER (WCSC)	APRIL 1986	1
REMARKS					
WCSC MANUSCRIPT DATA RECORDS (B0492)					

WTWY	COMM	TRAL	F CODE	CARGO TONS	CARGO TON-MILES	PI	ST	F3	4	5	6
1	45	89	012	111	12	333	333	333	333	333	333
					10	234	56				

NO. LENGTH, BLOCK											
36, 56											

DA FORM 1 AUG 68 3166

## FIELD DESCRIPTIONS

### MANUSCRIPT DATA RECORDS

Wtwy - Port/Waterway (Col 1-4) - This will be a 4-digit code that specifies the entity (port or waterway) for which statistics are compiled.

Comm - Commodity (Col 5-8) - This will be a 4-digit Army Engineer Commodity Code. See Attachment # 3.

Trf - Traffic (Col 9) - This will be a 1-digit code that defines the type of traffic in which the commodity was moved. See Attachment # 4.

AL-CD - Allocation Code (Col 10 & 11) - This will be a 2-digit code that provides additional traffic information and direction.

Cargo Tons (Col 12-19) - Self-explanatory.

Cargo Ton Miles (Col 20-32) - Self-explanatory.

Dist - District (Col 33 & 34) - This will be a 2-digit code for the Corps District in which the port/waterway is geographically located. See Attachment # 1.

FILLER (Col 35 & 36) - For use by WCSC only.

## ITEM - 7 : Principal Ports Tonnage

The Principal Ports Tonnage Reports provide listings of tons handled at U.S. Ports for a given calendar year. As shown below the tonnage is aggregated by total, domestic and foreign tons. The ports are ranked by total tons for one report generated by this data file. Alternatively the ports are also sorted alphabetically for a second report emanating from the data file. The two excerpts given below depict the type of information available from these reports:

PRINCIPAL PORTS CY 1984 BY TOTAL TONNAGE					PAGE 1
PROJECT TITLE	TOTAL	DOMESTIC	TOT.FOREIGN	IMPORTS	EXPORTS
NEW YORK, N.Y.	161676654	108966405	52710249	47369075	5341174
NEW ORLEANS, LA.	154220218	96266928	57953290	15495011	42458279
HOUSTON, TEXAS	96777619	49539999	47237620	22861570	24376050
VALDEZ HRBR., ALASKA	92047493	92034299	13194	13109	85
BATON ROUGE, LA.	66198761	46705237	19493524	6837985	12655539
TAMPA HARBOR, FLA.	46517226	25007970	21509256	5005039	16504217
NORFOLK HRBR., VA.	44897403	11025525	33871878	3987886	29883992
CORPUS C. SHIP CHNL.	44081109	20687889	23393220	19549558	3843662
LONG BEACH, CALIF.	42848658	22945285	19903373	8455967	11447406
BALTIMORE HRBR., MD.	37306504	12582431	24724073	13615103	11108970
DULUTH-SUPR., MINN.	37255941	28591454	8664487	482293	8182194
MOBILE, ALABAMA	35718226	20190949	15527277	4733798	10793479
PITTSBURGH, PA.	34297300	34297300	0	0	0
BEAUMONT, TEX.	33004372	16070932	16933440	12952902	3980538
LOS ANGELES, CALIF.	31242369	17406553	13835816	6974696	6861120

PRINCIPAL PORTS CY 1984 ALPHABETICAL LISTING					PAGE 1
PROJECT TITLE	TOTAL	DOMESTIC	TOT.FOREIGN	IMPORTS	EXPORTS
ALABASTER, MICH.	555692	555692	0	0	0
ALBANY, N.Y.	5820147	4420992	1399155	1098433	300722
ALEXANDRIA, VA	165918	0	165918	165356	562
ALPENA, MICH.	2423224	2418537	4687	0	4687
ANACORTES, WASH.	8650076	7699865	950211	646277	303934
ANCHORAGE, ALASKA	2382726	2105948	276778	245953	30825
ANGELES HRBR., WASH.	2642732	700724	1942008	349349	1592659
ASHLAND, WIS.	96558	96558	0	0	0
ASHTABULA, OHIO	9243475	4266925	4976550	1499954	3476596
ASTORIA, OREG.	2131865	1312882	818983	61983	757000
BALTIMORE HRBR., MD.	37306504	12582431	24724073	13615103	11108970
BATON ROUGE, LA.	66198761	46705237	19493524	6837985	12655539
BEAUMONT, TEX.	33004372	16070932	16933440	12952902	3980538
BELLINGHAM, WASH.	1269439	822319	447120	162590	284530

To obtain a copy of these reports please call one of the individuals listed below or write the Waterborne Commerce Statistics Center.

Thomas G. Mire (504) 862-1470

Pierre S. Andrus (504) 862-1404

David L. Penick (504) 862-1404



## ITEM - 8 : Special Requests for Statistical Data

The Waterborne Commerce Statistics Center (WCSC) handles special requests for statistics on a case by case basis. These requests are characterized by the need for information not contained in the Waterborne Commerce of the United States, Parts 1-5, or the Transportation Lines of the United States. These requests should be directed to the following individuals:

Mr. Garrett L. Crowell, Chief/National Waterways and Harbors Office  
(504) 862-1430

Mr. Thomas G. Mire, Chief/Special Projects Office (504) 862-1470

Mr. Pierre S. Andrus, Asst Chief/WCSC (504) 862-1404

Mr. David L. Penick, Chief/WCSC (504) 862-1404

In order to expedite the processing of a special request it is suggested that the data request be documented in a letter or some other transmittal. This facilitates the handling of such requests in WCSC. If computer processing or a significant number of WCSC manhours is required to satisfy the request, WCSC will prepare a cost estimate. The requesting office must send a check, money order, or government transfer of funds to WCSC before the requested data can be sent.

## ITEM - 9 : The Reporting Responsibility for Commercial Waterborne Transportation

Generally, any company engaged in commercial waterborne transportation is responsible for reporting to the Waterborne Commerce Statistics Center. Companies moving vessels on U.S. waters, with the following exceptions, should report:

1. Movements of recreational vessels.
2. Fire, police and patrol vessels.
3. Movements of vessels exclusively engaged in construction (e.g. piledrivers and crane barges). Movements of supplies, materials and crews to or from a construction site must be reported.
4. Movements of dredges to or from the dredging site. However, movements of dredged material from the dredging site to the disposal site must be reported.
5. Movements of tug boats shifting large ships in channels and harbors if moves are less than one mile.
6. Movement of towboats engaged in fleeting activities if the move is less than one mile.

Except for the six cases above, all vessel moves should be reported, including all towboat moves with or without barges in tow, all empty and loaded barge moves, and movements of newly constructed vessels from the shipyard to the point of delivery.

Vessel operation reports are used by vessel operating companies to report pertinent vessel, date, origin/destination, commodity and tonnage information. These data are collected in confidence and are not released outside the Federal Government in order to maintain the confidentiality of proprietary information.

## *Attachment # 1*

### *Corps of Engineer District and Area Office Codes*

01	New England	21	Pittsburgh	35	Kansas City
03	New York	22	Buffalo	36	Seattle
05	Jacksonville <u>1/</u>	23	Detroit	37	Portland
07	Philadelphia	24	Duluth	38	Alaska
08	San Juan	26	Chicago	39	San Francisco
09	Baltimore	27	St. Paul	40	Sacramento
11	Norfolk	28	Rock Island	41	Los Angeles
12	Wilmington	29	St. Louis	42	Pacific Ocean Division
13	Charleston	30	Memphis	43	Omaha
14	Savannah	31	Vicksburg	44	Walla Walla
15	Jacksonville <u>2/</u>	32	New Orleans	45	Tulsa
16	Mobile	33	Galveston	60	Other Foreign Vessels
17	Nashville	34	Little Rock	95	New York Tug Logs
18	Louisville			96	Atlantic Customs
20	Huntington			97	G/L Customs

1/ Atlantic Region

2/ Mississippi Valley Gulf Coast Region

## *Attachment # 2*

### EXPLANATION OF VESSEL TYPE, CONSTRUCTION & CHARACTERISTICS (VTCC CODE)

#### TYPE

- 1 - Self Propelled, Dry Cargo
- 2 - Self Propelled, Tanker
- 3 - Towboat or Tugboat
- 4 - Nonself Propelled, Dry Cargo
- 5 - Nonself Propelled, Tanker
- 6 - Other

#### CONSTRUCTION

- A - Steel
- B - Wood
- C - Aluminum
- D - Fiberglass
- E - Other
- F - Unknown

#### CHARACTERISTICS

- |   |  |
|---|--|
| 01 - Undefined                                    | 35 - Pushboat                                |
| 02 - Crewboat/Supply/Utility Vessel               | 36 - Tugboat/Towboat                         |
| 03 - General Cargo Freighter                      | 40 - Open Hopper Barge                       |
| 04 - Break Bulk/RO-RO Carrier                     | 41 - Covered Hopper Barge                    |
| 05 - RO-RO Vessel                                 | 42 - Carfloat (Railroad Car Barge)           |
| 06 - Bulk Carrier                                 | 43 - Flat/Deck Barge                         |
| 07 - Containership                                | 44 - Pontoon Barge                           |
| 08 - Partial Containership                        | 45 - Jumbo Barge                             |
| 09 - Container/Vehicle/Trailer<br>(RO-RO) Carrier | 46 - Scow/Barge                              |
| 10 - Vehicle Carrier                              | 47 - Open Dry Cargo Barge                    |
| 11 - Passenger Vessel                             | 48 - Covered Dry Cargo Barge                 |
| 12 - Combination Passenger & Cargo                | 49 - RO-RO Barge                             |
| 13 - Ferry  | 50 - Container Barge                         |
| 14 - Railroad Car Ferry                           | 51 - Lighter Barge                           |
| 15 - Lash Vessel                                  | 52 - Lash/Seabee Barge                       |
| 16 - Excursion/Sightseeing Vessels                | 70 - Liquid Cargo Barge<br>(Compartmented)   |
| 20 - Petroleum/Chemical Carrier                   | 71 - Liquid Cargo Barge<br>(Uncompartmented) |
| 21 - Chemical Carrier                             | 90 - Convertible Barge                       |
| 22 - Liquid Bulk Tanker                           | 91 - Semi-Integrated Vessel                  |
| 23 - Liquified Gas Carrier                        | 99 - Other                                   |
| 24 - Other Tanker                                 |  |

# *Attachment # 3*

## *Commodity Codes*

Code No.	Item Name	Code No.	Item Name
Group 01-Farm Products		Group 10-Metallic Ores	
0101	Cotton, raw	1011	Iron ore and concentrates
0102	Barley and rye	1021	Copper ore and concentrates
0103	Corn	1051	Bauxite and other aluminum ores and concentrates
0104	Oats	1061	Manganese ores and concentrates
0105	Rice	1091	Nonferrous metal ores and concentrates, not elsewhere classified
0106	Sorghum Grains		
0107	Wheat	Group 11-Coal	
0111	Soybeans		
0112	Flaxseed	1121	Coal and lignite
0119	Oilseeds, not elsewhere classified	Group 13-Crude petroleum	
0121	Tobacco, leaf		
0122	Hay and Fodder	1311	Crude Petroleum
0129	Field crops, not elsewhere classified	Group 14-Nonmetallic Minerals Except Fuels	
0131	Fresh fruits		
0132	Bananas and plantains	1411	Limestone flux and calcareous stone
0133	Coffee, green and roasted (incl. instant)	1412	Building stone, unworked
0134	Cocoa beans	1442	Sand, gravel and crushed rock
0141	Fresh and frozen vegetables	1451	Clay, ceramic and refractory materials
0151	Live animals (livestock) except zoo animals, cats, dogs, etc.	1471	Phosphate rock
0161	Animals and animal products not elsewhere classified	1479	Natural fertilizer materials not elsewhere classified
0191	Miscellaneous farm products	1491	Salt
Group 08-Forest Products		1492	Sulphur, dry
0841	Crude rubber and allied gums	1493	Sulphur, liquid
0861	Forest products, not elsewhere classified	1494	Gypsum, crude and plasters
Group 09-Fresh Fish and Other Marine Products		1499	Nonmetallic minerals, except fuels, not elsewhere classified
0911	Fresh fish, except shellfish	Group 19-Ordinance and Accessories	
0912	Shellfish, except prepared or preserved		
0913	Menhaden	1911	Ordinance and accessories
0931	Marine shells, unmanufactured		

# *Attachment # 3*

## *Commodity Codes*

### Group 20—Food and Kindred Products

2011	Meat, fresh, chilled or frozen
2012	Meat and meat products prepared or preserved, including canned meat products
2014	Tallow, animal fat and oils
2015	Animal by-products, not elsewhere classified
2021	Dairy products, except dried milk and cream
2022	Dried milk and cream
2031	Fish and fish products, including shellfish, prepared or preserved
2034	Vegetables and preparations, canned and otherwise prepared and preserved
2039	Fruits, and fruit and vegetable juices, canned and otherwise prepared or preserved
2041	Wheat flour and semolina
2042	Animal feeds
2049	Grain mill products, not elsewhere classified
2061	Sugar
2062	Molasses
2081	Alcoholic beverages
2091	Vegetable oils, all grades; margarine and shortening
2092	Animal oils and fats, not elsewhere classified including marine
2094	Groceries
2099	Miscellaneous food products

### Group 21—Tobacco Products

2111	Tobacco manufactures
------	----------------------

### Group 22—Basic Textiles

2211	Basic Textile products, except textile fibers
2212	Textile fibers not elsewhere classified

### Group 23—Apparel and Other Finished Textile Products including Knit

2311	Apparel and other finished textile products, including Knit
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### Group 24—Lumber and Wood Products Except Furniture

2411	Logs
2412	Rafted logs
2413	Fuel wood, charcoal, and wastes
2414	Timber, posts, poles, piling and other wood in the rough
2415	Pulpwood log
2416	Wood chips, staves, moldings and excelsior
2421	Lumber
2431	Veneer, plywood, and other worked wood
2491	Wood manufactures, not elsewhere classified

### Group 25—Furniture and Fixtures

2511	Furniture and fixtures
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### Group 26—Pulp, Paper and Allied Products

2611	Pulp
2621	Standard newsprint paper
2631	Paper and paperboard
2691	Pulp, paper and paperboard products, not elsewhere classified

### Group 27—Printed Matter

2711	Printed Matter
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# *Attachment # 3*

## *Commodity Codes*

Group 28-Chemicals and Allied Products		Group 29-Petroleum and Coal Products	
2810	Sodium hydroxide (caustic soda)	2911	Gasoline, including additive
2811	Crude products from coal tar, petroleum, and natural gas, except benzene and toluene	2912	Jet fuel
2812	Dyes, organic pigment, dyeing and tanning materials	2913	Kerosene
2813	Alcohols	2914	Distillate fuel oil
2816	Radioactive and associated materials, including wastes	2915	Residual fuel oil
2817	Benzene and toluene, crude and commercially pure	2916	Lubricating oils and greases
2818	Sulphuric acid	2917	Naphtha, mineral spirits, solvents, not elsewhere classified
2819	Basic chemicals and basic chemical products, not elsewhere classified	2918	Asphalt, tar, and pitches
2821	Plastic materials, regenerated cellulose and synthetic resins, including film, sheeting and laminates	2920	Coke, including petroleum coke
2822	Synthetic rubber	2921	Liquefied petroleum gases, coal gases, natural gas, and natural gas liquids
2823	Synthetic (man-made) fiber	2951	Asphalt building materials
2831	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations)	2991	Petroleum and coal products not elsewhere classified
2841	Soap, detergents, and cleaning preparations; perfumes, cosmetics, and other toilet preparation	Group 30-Rubber and Miscellaneous Plastic Products	
2851	Paints, varnishes, lacquers enamels, and allied products	3011	Rubber and miscellaneous plastic products
2861	Gum and wood chemicals	Group 31-Leather and Leather Products	
2871	Nitrogenous chemical fertilizer, except mixtures	3111	Leather and leather products
2872	Potassic chemical fertilizers except mixtures	Group 32-Stone, Clay, Glass and Concrete Products	
2873	Phosphatic chemical fertilizers, except mixtures	3211	Glass and glass products
2876	Insecticides, fungicides pesticides, and disinfectants	3241	Building cement
2879	Fertilizers and fertilizer materials, not elsewhere classified	3251	Structural clay products, including refractories
2891	Miscellaneous chemical products	3271	Lime
		3281	Cut stone and stone products
		3291	Miscellaneous nonmetallic mineral products
		Group 33-Primary Metal Products	
		3311	Pig iron
		3312	Slag
		3313	Coke (coal and petroleum), petroleum pitches and asphalts, and naphtha and solvents
		3314	Iron and steel ingots, and other primary forms, including blanks for tube and pipe, and sponge

# *Attachment # 3*

## *Commodity Codes*

Group 33-Primary Metal Products (Cont'd)		Group 37-Transportation Equipment	
3315	Iron and steel bars, rods angles, shapes and sections including sheet piling	3711	Motor Vehicles, parts and equipment
3316	Iron and steel plates and sheets	3721	Aircraft and parts
3317	Iron and steel pipe and tube	3731	Ships and boats
3318	Ferroalloys	3791	Miscellaneous transportation equipment
3319	Primary iron and steel products, not elsewhere classified including castings in the rough	Group 38-Instrument, Photographic and Optical Goods, Watches and Clocks	
3321	Nonferrous metals primary smelter product, basic shapes, wire castings and forgings, except copper lead, zinc and aluminum	3811	Instruments, photographic and optical goods, watches and clocks
3322	Copper and copper alloys, whether or not refined, unworked	Group 39-Miscellaneous Products of Manufacturing	
3323	Lead and zinc including alloys, unworked	3911	Miscellaneous products of Manufacturing
3324	Aluminum and aluminum alloys, unworked	Group 40-Waste and Scrap Materials	
Group 34-Fabricated Metal Products, Except Ordnance, Machinery and Transportation Equipment		4011	Iron and steel scrap
3411	Fabricated metal products, except ordnance, machinery, and transportation equipment	4012	Nonferrous metal scrap
Group 35-Machinery, Except Electrical		4022	Textile waste, scrap, and sweeping
3511	Machinery, except electrical	4024	Paper waste and scrap
Group 36-Electrical Machinery Equipment and Supplies		4029	Waste and scrap, not elsewhere classified
3611	Electrical machinery equipment and supplies	Group 41-Special Items	
		4111	Water
		4112	Miscellaneous shipments not identifiable by commodity
		4113	LCL freight
		4118	Materials used in waterways improvement, Government materials
		4119	Empty containers
		9999*	Department of Defense controlled cargo and special category items

\*Cargoes exported on Department of Defense controlled vessels (other than goods for the use of U.S. Armed Forces abroad) and non-Department of Defense shipments of military component items (abbreviated SC1) for which commodity detail is not furnished to the Corps of Engineers.



## *Attachment # 4*

### *Traffic Codes*

<u>CODE</u>	<u>TYPE</u>	<u>EXPLANATION</u>
3	Coastwise	Domestic traffic receiving a carriage over the ocean, or the Gulf of Mexico. Traffic between Great Lakes ports and seaports, when having a carriage over the ocean, is also termed "coastwise."
4	Lakewise	Traffic between United States ports on the Great Lakes System.
5	Internal	<p>Traffic between ports or landings:</p> <p>a. Wherein the entire movement takes place on inland waterways.</p> <p>b. Wherein the movement is confined to a single river, waterway, or canal. This traffic is coded 5 except for movements between docks in a port area, in which case 7 is used.</p> <p>c. Wherein the movement involves carriage on both inland waterways and waters of the Great Lakes System.</p> <p>d. Wherein the movement crosses short stretches of open waters which link inland systems.</p>
7	Local	Movements of freight within the confines of a single arm or channel of a <u>port</u> , or within the limits of a port having only one <u>project</u> , arm, or channel. The term also applies to marine products, sand, and gravel taken directly from beds of the oceans, Gulf of Mexico and important arms thereof, and from the Great Lakes.
8	Intraterritory	Traffic between ports in Puerto Rico and the Virgin Islands, which are considered as a single unit.
9	Ferry	Ferry Traffic
2	Canadian Foreign	
1	Overseas Foreign	

END

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